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Energy INSIDER

COMMITTED TO COMMUNITY:
See more pictures from Midland's
community service days on page 4



A BIMONTHLY PUBLICATION OF MIDLAND POWER COOPERATIVE • MIDLANDPOWER.COOP • NOVEMBER & DECEMBER 2022

Farm Progress Show back in Boone Iowa co-ops promote all-of-the-above energy strategy



After a four-year absence, the Farm Progress Show returned to Boone in August, drawing tens of thousands of agricultural enthusiasts from across the state and around the world.

Midland Power, along with other electric cooperatives from around Iowa, returned as well, hosting attendees at the Rural Electric Cooperatives of Iowa expo building.

The three-day event highlighted the latest advancements in agriculture, providing the perfect venue for cooperatives to connect with their members.

On the minds of many attendees was the topic of electric grid reliability. After a summer marked with concern over regional electric generation capacity shortfalls, visitors expressed concern about how the electric grid's growing reliance on renewable energy sources, such as wind and solar, would impact reliability in the coming years.

"When looking at power supply, we need all of the available power supply we can get, all-of-the-above," said Chuck Soderberg, executive director

of the Iowa Association of Electric Cooperatives. "Which means we need to use coal to generate electricity and natural gas. At the same time, there is room for renewables."

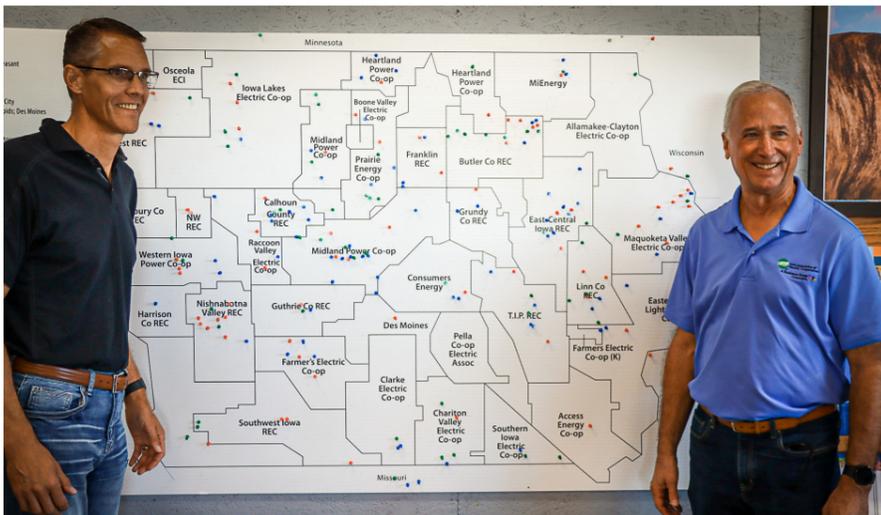
Echoing Soderberg's sentiments was U.S. Rep. Randy Feenstra, who stopped by to visit with members while campaigning.

"Baseload generation is essential," Feenstra said. "Even in Iowa we have a lot of wind, a lot of solar. But there are many days when we don't have wind and it's cloudy, so you have to have baseload generation."

Feenstra said that while he's supportive of renewable energy, the rapid transition away from traditional generating sources has put the electric grid in a precarious position.

"We need green coal plants. We have to make sure we have natural gas. We need to look at nuclear power," Feenstra added. "These are baseload generation resources that we need to continue to embrace."

To learn more and to sign up for legislative action alerts, please visit IARuralPower.org/advocacy.



U.S. Rep. Randy Feenstra and Iowa Association of Electric Cooperative's Executive Director Chuck Soderberg at Farm Progress



Midland Power Lineman Colton Zalesak and Apprentice Lineman Asa Wayland demonstrate the importance of working, playing, and farming safely near power lines



The Touchstone Energy hot air balloon was on hand to welcome attendees each morning



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2022 REBATE DEADLINES

2022 items must be installed, with applications submitted & postmarked, by December 16, 2022.

For a complete list of rebates, go to MidlandPower.coop/Rebates

Midland donates poles to Dayton Rodeo



Image courtesy of Nathaniel Brown Productions/NathanielBrown.com

In August, Midland Power donated and set four new power poles to display sponsorship banners at the Dayton Championship Rodeo, an annual event that attracts more than 10,000 spectators to the town of less than 800 residents over Labor Day weekend.

“The rodeo has a huge impact on our area,” said Matt Johnson, a co-chairman of the event that originated in Dayton 85 years ago. “It’s responsible for bringing in about \$350,000 to our local economies. The linemen were wonderful to work with, and we’re appreciative of Midland’s donation and their ongoing support.”

The four-day event is sanctioned by the Professional Rodeo Cowboys Association and includes a \$40,000 purse. Midland Power is an annual sponsor.

“We were excited to help,” said Midland Power CEO Bill McKim. “The rodeo is one of those jewels of our area. It not only provides tremendous economic benefits, it also showcases the community and central Iowa to visitors from across the nation.”



Jefferson linemen setting a pole at the Dayton Rodeo Arena

Sales tax exemption for Iowa farmers

Iowa farmers may qualify for a state sales tax exemption on electricity consumed for processing and production by filing an exemption certificate with Midland Power Cooperative.

Fuels, including electricity, used directly in processing and production on the farm are exempt from state sales tax. Also included under the definition of agricultural production is the production of flowering, ornamental,

and vegetable plants for sale in commercial greenhouses or other places in the ordinary course of business.

Electricity used for the home, farm shop, recreation, hobbies, or outdoor lighting is taxable.

The key to receiving the exemption is documentation. If having a separate meter for farm use is not practical, a list of the equipment used for farm production is necessary. Visit Midland Power’s website at MidlandPower.coop and click on the Iowa Sales Tax Exemption Form under “My Account” for the required sales tax exemption form. We can also help you determine what information is needed.

Information is also available on the Iowa Department of Revenue’s website, tax.iowa.gov.



2022 patronage



1 million reasons it's great to be a member!

Being a member of an electric cooperative has its benefits - \$1 million benefits! Midland Power's board of directors has approved distributing \$1 million in patronage capital to co-op members and former members.

Current members that purchased electricity from the cooperative in 2021 and/or 2006 will receive their portion of the 2022 patronage retirement by bill credit in December, unless they're due \$500 or more. Current members eligible to receive \$500 or more will be sent a check in late November.

Retired members - those no longer purchasing power from the co-op - will receive their patronage retirement by check as well.

Members must notify Midland of any address changes in order to receive their check.

TOTAL ELECTRIC CHARGES	\$182.15
GREENE COUNTY TAX 1.0%	\$1.82
PATRONAGE DIVIDEND RETIREMENT	\$38.13CR
CURRENT CHARGES	\$145.84

ACTUAL AMOUNT WILL VARY

Official notice of wholesale power cost adjustment clause modification

On October 26, 2022 Midland Power Cooperative's Board of Directors approved a change to the cooperative's Energy Adjustment Clause (Wholesale Cost Adjustment) to allow greater flexibility on how nonrecurring special assessments can be utilized.

Charges to this account shall be supported so that a description of each type of charge will be readily available. A written explanation of current rate schedules and charges is available without charge from our local business office. If you have any questions, please contact our business office.

Sincerely,

Mike Coleman
Board President

William McKim
Chief Executive Officer



To apply for a rebate, complete this coupon, attach your original sales receipt showing the number of strings purchased, and return to Midland Power by January 31, 2023.

Rebates will be credited to your Midland Power account.

Member Name _____
 Address _____ City _____ Zip _____
 Phone _____ Email _____
 Account # _____
 (Account number as listed on your electric bill where the credit is to be applied)
 Number of LED holiday light strings _____
 (maximum rebate is for 5 strings which totals \$10)

Mail to: Rebates, Midland Power Cooperative • PO Box 368 • Boone, IA 50036

Corn Belt Power debuts battery energy storage system

Corn Belt Power Cooperative recently installed a battery energy storage system in their service area in a trial project designed to evaluate the emerging technology.

Basin Electric Power Cooperative, which provides power to electric co-ops across the Midwest including Corn Belt Power, introduced a member-owned Trial Battery Rate into its rate book in 2019. The rate allocates up to 150 kilowatts per distribution cooperative.

Corn Belt Power collaborated with its membership, which includes Midland Power, to develop a plan that allowed each member-cooperative to pool its individual allocation and

create one large battery energy storage system. This system is a 1.425 megawatt Tesla® Megapack which Corn Belt Power integrated into the Hampton Substation.

Total project cost is near \$3.5 million, which includes the battery storage system, engineering, site preparation and labor. The stored power from the battery will allow Corn Belt Power to avoid purchasing 1.425 megawatts of power during peak usage times for up to six hours. This is enough energy to power roughly 145 homes for six hours at a time.

Once the battery's energy is depleted, it will recharge during off-peak times in preparation for its next disbursement.

"We want to learn more about battery technology, from the process of procuring and installing the batteries to operation and how the batteries can benefit Midland Power Cooperative and Corn Belt Power," said Jacob Olberding, vice president, power supply, Corn Belt



Corn Belt Power recently installed a Tesla® Megapack at their Hampton Substation



Power. "We will also use the battery project as a load management resource. By doing so, we hope the batteries pay for themselves in 12 years."

Corn Belt Power plans to share ongoing performance data with Midland and the rest of its

membership to highlight the battery's ability to reduce member-cooperative power costs. This sharing of operational information will provide the membership with education and insights to support future use of battery storage technology.

Four employees receive years of service awards



Join us in celebrating four of our employees for their commitment to the cooperative and our members.

Receiving their five year service recognition awards were Vice President of Operations Dan Kyle (30 years, top left), First Class Journeyman Lineman Ben Sanders (15 years, bottom left), First Class Journeyman Lineman Scott Ahrens (10 years, top right), and First Class Journeyman Lineman John Kruckenberg (5 years, bottom right).

CONGRATULATIONS GENTLEMEN AND THANK YOU FOR ALL YOU DO!



Green Pricing

Alternate Energy Purchase Program

Midland Power has been offering an alternate energy purchase program to its members since 2004.

This program allows individual members the ability to voluntarily contribute to a fund. All of the money collected from members will be used for the development of alternate energy production facilities in Iowa. Alternate energy production facilities may include wind energy, biomass, solar, and other nontraditional generation technologies.

Through this program, members will not be directly purchasing alternate energy, but rather

participating in the development of these resources. Contributions may be retained until they reach a sufficient level to pursue a particular development, make a grant to another entity pursuing alternate energy development in Iowa, or arrange for purchases from alternate energy production facilities.

For members interested in purchasing renewable energy directly, Midland also offers a community solar program.

To learn more about these programs, please call our office at (800) 833-8876 or visit MidlandPower.coop.

Scholarships available

Midland takes pride in helping develop leaders in our region.

We offer scholarships to recognize academic and community achievements made by young people in the communities we serve. Midland Power is accepting applications for three \$1,000 scholarships to be awarded to 2023 college-bound students.

These are considered an investment in the economic future of rural areas. Applicants only need to apply once to be considered

eligible to win any of these three scholarships.

Recipients are selected on the basis of academic record, potential to succeed, leadership and participation in school and community activities, honors, work experience, a statement of education and career goals, and an essay on a given topic.

Find out more information and the application at MidlandPower.coop/Scholarships. Applications are due by January 31, 2023.





(Above) Humboldt Lineman Adam Smith works at Wildcat Wonderland during the co-op's recent community service day. (Below, left) Jefferson Lineman Duane Delp cuts a tree branch at Ledges State Park



Midland Power Cooperative employees participated in several community service projects this summer, demonstrating the co-op's ongoing commitment to community.

In June, Midland Power linemen set 24 poles in a field outside of Iowa Falls for the Iowa Firefighters Association's annual convention. The poles allowed electric service to be installed, transforming the previously empty pasture into a thriving campground where hundreds of firefighters, active and retired, and their families set up camp during the event.

In August, a group of employees

spent a day in Humboldt helping to construct the city's new Wildcat Wonderland playground. The project was especially meaningful since Humboldt REC employees helped construct the original playground back in 1990.

In September, employees spent the day at Ledges State Park south of Boone performing needed tree trimming and vegetation management along the park's picturesque main thoroughfare, Canyon Drive.

To watch the videos from these projects, visit [YouTube.com/MidlandPowerCoop](https://www.youtube.com/MidlandPowerCoop).



Humboldt Linemen Rudy Halvorson and Justin Kirchoff



Iowa Falls Lineman Scott Ahrens



Jefferson Lineman Dylan McConnell



VP of Administration Jill Gannon and Member Care Representative Kaitlin Nelson



Boone Apprentice Lineman Wyatt Tharp and Lineman John Kruckenberg

Midland Power Cooperative Offices

Monday-Friday: 7:30 a.m. - 4:00 p.m.

- 📍 2005 S. Story Street, Boone, Iowa
- 📍 1210 13th Street North, Humboldt, Iowa
- 📍 1001 E. Lincoln Way, Jefferson, Iowa

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Energy Insider Editor: Benjamin Ure

Midland Power Cooperative is an equal opportunity provider and employer. Proudly serving you from Boone, Humboldt, Iowa Falls and Jefferson.